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--ABSTRACT OF THE DISCLOSURE

92 A power transformer/reactor having at least one winding manufactured with a high-voltage cable made of a conductor, a first semiconducting layer around the conductor, an insulating layer around the first semiconducting layer, and a second semiconducting layer around the insulating layer. The second semiconducting layer is directly earthed at  $n$  points of the winding, wherein  $n$  is an integral number greater than 1, and two of the  $n$  points being at ends of the windings. An electric contact being interrupted  $2(n-1)$  times between both ends the second semiconducting layer. At each interruption the second semiconducting layer and third semiconducting layer combine to reduce an electric field. The interruptions of separate windings being cross-connected and earthed, but at least one point between both ends being indirectly earthed.--

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